

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of providing illumination for a household fluid product not intended for human consumption and/or a container that contains the household fluid product, the method comprising:

providing at least one light system, comprising at least one light source controllable by a processor for generating a variable color radiation;

disposing the at least one light system in proximity to the container so as to illuminate the container and/or the household fluid product with the variable color radiation, when generated; and

generating a selected color of the variable color radiation in response to a signal from the processor so as to cause a color change of the container and/or the household fluid product.

2-3. (Cancelled).

4. (Currently Amended) The method of claim 1, wherein the step of disposing the at least one light system in proximity to the container includes disposing the at least one light system ~~is disposed~~ in at least one of the bottom of the container, the neck of the container, the interior of the container, the top of the container, and the nozzle of the container.

5. (Cancelled).

6. (Currently Amended) The method of claim 1, wherein the household fluid product is selected from the group consisting of water, ammonia, bleach, window cleaner, insect repellent, insect killer, lotion, soap, liquid soap, kitchen cleaner, bathroom cleaner, shaving gel, cleaning fluid, lighter fluid, furniture polish, wood treatment, paint, primer, drain cleaner, disinfectant, room deodorizer, carpet deodorizer, room scent, perfume, cologne, shaving foam, toilet cleaner, aerosol, skin care fluid, suntan lotion, shampoo, surface cleaner, and liquid wax.

7. (Cancelled).
8. (Previously Presented) A method of providing illumination for a fluid, the method comprising:
 - providing a light system, comprising at least one light source controllable by a processor for generating a variable color radiation;
 - disposing the light system in proximity to a nozzle of a spray container containing the fluid;
 - discharging a portion of the fluid through the nozzle of the spray container; and
 - illuminating the portion of the fluid with a selected color of the variable color radiation.
9. (Previously Presented) The method of claim 8, further comprising producing a rainbow effect on the portion of the fluid.
10. (Previously Presented) The method of claim 8, further comprising changing the color of the portion of the fluid in response to the processor.
11. (Previously Presented) The method of claim 8, wherein the spray container is an aerosol can.
12. (Cancelled).
13. (Previously Presented) The method of claim 1, wherein the signal relates to data indicative of a condition of the household fluid product.
14. (Previously Presented) The method of claim 13, wherein the data relates to the freshness of the household fluid product.

15. (Previously Presented) The method of claim 13, wherein the data relates to the efficacy of the household fluid product.
16. (Previously Presented) The method of claim 1, wherein the processor is responsive to a network.
17. (Previously Presented) The method of claim 1, wherein the processor responds to data directed to an address.
18. (Previously Presented) The method of claim 1, wherein the processor is responsive to a sensor.
19. (Previously Presented) The method of claim 1, wherein the selected color has a color temperature of white illumination.
20. (Previously Presented) The method of claim 1, wherein the container comprises an optical facility for operating on light generated by the light system.
21. (Previously Presented) The method of claim 20, wherein the optical facility is selected from the group consisting of a lens, a mirror, a liquid lens, a spinning mirror, a fresnel lens, a convex lens, a concave lens, a fiber optic, and a light pipe.
22. (Previously Presented) A system for providing illumination for a household fluid product not intended for human consumption and/or a container that contains the household fluid product, the system comprising:
at least one light system, comprising at least one light source controllable by a processor for generating a variable color radiation, the light system disposed proximate to the container and configured to generate a selected color of the variable color radiation in response to a signal from

the processor to illuminate the container and/or the household fluid product with the selected color of the variable color radiation.

23-24. (Cancelled)

25. (Previously Presented) The system of claim 22, wherein the at least one light system is disposed in at least one of the bottom of the container, the neck of the container, the interior of the container, the top of the container, and the nozzle of the container.

26. (Cancelled)

27. (Currently Amended) The system of claim 22, wherein the household fluid product is selected from the group consisting of ~~water~~, ammonia, bleach, window cleaner, insect repellant, insect killer, lotion, soap, liquid soap, kitchen cleaner, bathroom cleaner, shaving gel, cleaning fluid, lighter fluid, furniture polish, wood treatment, paint, primer, drain cleaner, disinfectant, room deodorizer, carpet deodorizer, room scent, perfume, cologne, shaving foam, toilet cleaner, aerosol, skin care fluid, suntan lotion, shampoo, surface cleaner, and liquid wax.

28. (Cancelled)

29. (Previously Presented) A system for providing illumination for a fluid, comprising:
at least one light system, comprising at least one light source controllable by a processor for generating a variable color radiation, the system disposed proximate to a nozzle of a spray container, containing the fluid and configured to generate a selected color of the variable color radiation in response to a signal from the processor to illuminate a portion of the fluid discharged through the nozzle of the container with the selected color.

30. (Previously Presented) The system of claim 29, wherein the light system is configured to produce a rainbow effect on the discharged portion of the fluid.

31. (Previously Presented) The system of claim 29, wherein the light system changes the color of the discharged portion of the fluid in response to the processor.
32. (Previously Presented) The system of claim 29, wherein the container is an aerosol can.
33. (Cancelled)
34. (Previously Presented) The system of claim 22, wherein the signal relates to data indicative of a condition of the household fluid product.
35. (Previously Presented) The system of claim 34, wherein the data relates to the freshness of the household fluid product.
36. (Previously Presented) The system of claim 35, wherein the data relates to the efficacy of the household fluid product.
37. (Previously Presented) The system of claim 22, wherein the processor is responsive to a network.
38. (Previously Presented) The system of claim 22, wherein the processor responds to data directed to an address.
39. (Previously Presented) The system of claim 22, wherein the processor is responsive to a sensor.
40. (Previously Presented) The system of claim 22, wherein the selected color has a color temperature of white illumination.

41. (Previously Presented) The system of claim 22, wherein the container further comprises an optical facility for operating on light generated by the light system.

42. (Previously Presented) The system of claim 41, wherein the optical facility is selected from the group consisting of a lens, a mirror, a liquid lens, a spinning mirror, a fresnel lens, a convex lens, a concave lens, a fiber optic, and a light pipe.

43-120. (Cancelled)

121. (Previously Presented) A method of illuminating a fluid not intended for human consumption, comprising:

- disposing the fluid in a substantially transparent or translucent container;
- providing a light system in operative connection with the container, the light system comprising a light source controllable by a processor for generating a variable color radiation; and
- generating a selected color by the light system in response to a signal from the processor to illuminate the fluid.

122. (Previously Presented) The method of claim 121, wherein the light system illuminates a portion of the fluid being discharged from the container.

123-124. (Cancelled)

125. (Previously Presented) A system for illuminating a fluid not intended for human consumption, comprising:

- a substantially transparent or translucent container for storing the fluid; and
- a light system in operative connection with the container, the light system comprising a light source controllable by a processor for generating a variable color radiation; and configured to generate a selected color in response to a signal from the processor to illuminate the fluid.

126. (Previously Presented) The system of claim 125, wherein the light system illuminates a portion of the fluid being discharged from the container.

127-128. (Cancelled)

129. (Previously Presented) The system of claim 22 wherein the at least one light source comprises a plurality of LEDs of different colors, of which at least one first color LED radiates at a first wavelength different from a second wavelength at which at least one second color LED radiates.

130. (Previously Presented) The system of claim 29 wherein the at least one light source comprises a plurality of LEDs of different colors, of which at least one first color LED radiates at a first wavelength different from a second wavelength at which at least one second color LED radiates.

131. (Previously Presented) The system of claim 125 wherein the light source comprises a plurality of LEDs of different colors, of which at least one first color LED radiates at a first wavelength different from a second wavelength at which at least one second color LED radiates.